| Index of Cla | ims        | Appli             | icatio | on/Control No. | Applicant(s)/Patent under<br>Reexamination<br>NODA, KAZUHIRO |          |  |  |  |  |  |
|--------------|------------|-------------------|--------|----------------|--|----------|--|--|--|--|--|
|              |            | 10/78             | 80.74  | 18             |  |          |  |  |  |  |  |
|              |            | Exam              |        |                |  | Art Unit |  |  |  |  |  |
|              |            | Prab              | odh    | M. Dharia      |  | 2629     |  |  |  |  |  |
| √ Rejected   | _ (Through | numeral)<br>elled | N      | Non-Elected    | A  | Appeal   |  |  |  |  |  |
| = Allowed    | ÷ Restr    | ricted            | 1      | Interference   | o  | Objected |  |  |  |  |  |

|  |          | _            |          |  |          |          | J            |            | L               |           |          |        |        |          |          |          |              | ' '      |               |           |          |          |     |          |            |          |          |          |                |          |          |          | ,         |   |
|--|----------|--------------|----------|--|----------|----------|--------------|------------|-----------------|-----------|----------|--------|--------|----------|----------|----------|--------------|----------|---------------|-----------|----------|----------|-----|----------|------------|----------|----------|----------|----------------|----------|----------|----------|-----------|---|
| Cla  | aim      | Date         |          |  |          |          |              | Claim Date |                 |           |          |        |        |          |          |          | $\neg$       | ſ        | Cla           | aim       | Date     |          |     |          |            |          |          |          |                |          |          |          |           |   |
|  |          | 6            |          |  |          |          |              | Π          | Γ               | П         |          | $\neg$ | $\neg$ |          |          |          |              |          |               |           |          | $\Box$   | Ī   |          |            |          |          |          |                |          |          |          |           |   |
| Final  | Original | 10/30/06     |          | l  | i        |          |              |            | 1               |           | 100      |        | E I    |          |          |          | ı            |          | - 1           |           |          |          |     | Final    | Original   |          |          |          |                |          |          |          |           |   |
| i II   | Š        | ĕ            |          | Ι.   | l        |          |              |            |                 | H         | 1        |        | 5      |          |          | i        |              |          |               |           |          |          | İ   | ίΞ       | Ö          |          |          |          |                | ľ        |          |          |           |   |
|  |          |              |          | <u> </u>   | ļ        | ╀        | ↓_           | ╀          | ┡               | Н         | <u> </u> |        |        | _        | _        | _        | _            |          | _             | _         | $\sqcup$ | 4        | ļ   |          |            |          | Ш        | _        |                | _        | ļ        | _        |           |   |
| <u> </u>   | 1        | V            |          | <u> </u>   | ┞        | ┼-       | ┼            | ╄          | ╙               | Н         | -        | 5      |        | _        | _        | _        | _            |          | _             |           | $\dashv$ | 4        | ļ   |          | 101        | _        |          | _        |                | _        | _        | L        | Щ         | _ |
| <u> </u>   | 2        | V            |          | -  | ├-       | ╀        | ┼            | $\vdash$   | ⊢               | H         | <u> </u> | 5      | 2      | -        |          |          | -            |          |               | _         |          | 4        | ł   |          | 102<br>103 |          |          |          | _              |          |          | -        |           | _ |
|  | 3        | <b>√</b>     |          | -  | ╁        | ╀        | ╁            | $\vdash$   | ⊢               | Н         | -        | 5      |        |          | $\dashv$ | $\dashv$ |              |          | ⊣             | _         | $\dashv$ | $\dashv$ | ŀ   |          | 103        |          | $\dashv$ |          | -              | $\vdash$ |          | -        | Н         | _ |
| -  | 5        | ₹            |          | ┢  | ╁╌       | +        | +-           | -          | <u> </u>        | Н         | $\vdash$ | - 5    | 5      | $\dashv$ | -        | $\dashv$ | $\dashv$     |          |               |           | +        | $\dashv$ | ŀ   |          | 105        |          | Н        |          |                | $\vdash$ |          | $\vdash$ | $\vdash$  |   |
| <b>-</b>   | 6        | <b>√</b>     |          | ┢  | ┢        | ╁╴       | ╁            | $\vdash$   | $\vdash$        | Н         | $\vdash$ | 1 5    |        | $\dashv$ | $\dashv$ | ᅱ        | ᅱ            | $\dashv$ | ᆉ             | $\dashv$  | $\dashv$ | $\dashv$ | ŀ   |          | 106        | -        | -        |          | _              | $\vdash$ | -        | -        | -         | _ |
|  | 7        | Ž            |          | <del>                                     </del> | t        | T        | $\vdash$     | $\vdash$   | 一               | Н         | <u> </u> | 5      |        | _        | $\neg$   | -        | -            |          | 7             | _         |          | ┪        | ŀ   |          | 107        |          | Н        | -        | _              | $\vdash$ | ┢        | _        |           |   |
|  | 8        | V            |          |  | T        | T        | T            | T          |                 | П         |          | 15     |        | $\neg$   | $\dashv$ | ᅥ        | $\dashv$     |          | 寸             | $\neg$    | $\Box$   | ╡        | ı   |          | 108        |          |          |          | _              | $\vdash$ | $\vdash$ |          | П         |   |
|  | 9        | V            |          |  |          | 1        | T            |            | Т               | П         |          | 5      |        | $\neg$   | ヿ        | ヿ        | ヿ            |          | T             |           | T        | 7        | Ì   |          | 109        |          |          |          |                |          |          |          |           |   |
|  | 10       | <b>V</b>     |          |  |          | L        |              |            |                 |           |          | 6      | 0      |          |          | ╛        |              |          | $\Box$        |           |          |          | 1   |          | 110        |          |          |          |                |          |          |          |           |   |
|  | 11       | ✓            | Г        | 匚  |          |          |              |            |                 |           |          | 6      |        |          |          |          |              |          | $\Box$        |           |          |          |     |          | 111        |          |          |          |                |          |          |          |           |   |
|  | 12       | √            | $\Box$   | 匚  | Ĺ        | oxdot    | $\Box$       |            |                 | Ш         |          | 6      |        |          | $\prod$  |          |              |          |               | $\Box$    | $\Box$   |          | [   |          | 112        |          |          |          |                |          |          |          |           |   |
|  | 13       | _            | $\vdash$ | <u> </u>   | <u> </u> | ╄-       | <u> </u>     | 1_         |                 | Ш         |          | 6      |        | _        | _        | _        | _            | Щ        | ightharpoonup | _         | $\sqcup$ | _        | ļ   |          | 113        |          |          |          | Ш              | L        | <u> </u> | Щ        | Ш         |   |
|  | 14       | _            | ـــ      | _  | <u> </u> | ↓_       | ↓_           | 1_         | _               | Ш         | _        | 6      |        | _        | _        | 4        | _            | _        | _             | _         | $\sqcup$ | _        | ļ   |          | 114        | $\Box$   | Ш        | Щ        | Щ              | <u> </u> | <u> </u> | $\vdash$ | $\square$ |   |
|  | 15       | _            | -        | _  | -        | 1        | $\vdash$     | ╀          | _               | Н         | -        | 6      |        | _        | -        | 4        | _            |          | 4             | _         |          | _        | -   |          | 115        | -        | $\sqcup$ |          | _              | _        | <u> </u> | <u> </u> | <b>  </b> | _ |
| <u> </u>   | 16<br>17 | $\vdash$     | -        | -  | -        | ┼        | ┼            | ⊢          | -               | $\dashv$  | -        | 6      |        | $\dashv$ | -        | -        | -            |          | -             | $\dashv$  |          | $\dashv$ | ŀ   |          | 116        | $\dashv$ | Щ        |          | Щ              | _        | <u> </u> | $\vdash$ |           |   |
|  | 18       | $\vdash$     | -        | -  | +        | +        | $\vdash$     | ⊢          | $\vdash$        | $\dashv$  | $\vdash$ | 6      |        | $\dashv$ | $\dashv$ | -        | $\dashv$     | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | ŀ   |          | 117<br>118 | $\dashv$ |          |          | $\vdash\vdash$ | $\vdash$ | ⊢        | $\vdash$ |           | _ |
| $\vdash$   | 19       | ⊢            |          | ⊢  | -        | ┼        | ╁            | $\vdash$   | H               | $\dashv$  | $\vdash$ | 6      |        | -        |          |          |              | $\dashv$ | $\dashv$      | -         | $\dashv$ | $\dashv$ | ŀ   |          | 119        | $\dashv$ | -        | _        |                | -        | -        | -        |           |   |
|  | 20       | -            | $\vdash$ | $\vdash$   | $\vdash$ | +        | ╁            | $\vdash$   | $\vdash$        | H         | -        | 7      |        | $\dashv$ | $\dashv$ | -        |              |          | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | }   |          | 120        |          | $\dashv$ | $\vdash$ | _              | $\vdash$ | -        | -        |           |   |
| $\vdash$   | 21       | $\vdash$     | $\vdash$ | -  | -        | +-       | ╁            | $\vdash$   | $\vdash$        | $\dashv$  |          | 17     |        | -        | $\dashv$ | -        | $\dashv$     | -        | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | +   | -        | 121        | -        |          | Н        | $\vdash$       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$  | _ |
|  | 22       | $\vdash$     | t        | Г  | Г        | †        | T            | I          | Н               | $\vdash$  |          | 17     |        | $\dashv$ |          | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$      | -         | $\dashv$ | $\dashv$ | ŀ   |          | 122        | -        | $\dashv$ | $\dashv$ | $\dashv$       |          | Н        | Н        |           |   |
|  | 23       | Т            | Т        | Г  | Τ        |          | T            |            |                 |           |          | 7      | 3      | $\dashv$ | $\dashv$ | 1        | 寸            | 一        | $\dashv$      |           | $\dashv$ | $\dashv$ | ŀ   |          | 123        | $\dashv$ |          |          |                | П        | H        |          | $\vdash$  | _ |
|  | 24       |              | Г        | Π  | T        | Π        | Г            |            |                 |           |          | 7      |        | $\neg$   | $\neg$   | 一        | 一            | ヿ        |               |           |          |          | Ì   |          | 124        |          |          |          |                |          |          |          |           |   |
|  | 25       |              |          |  |          |          |              |            |                 |           |          | 7      | 5      |          | 丁        |          |              |          |               | T         |          |          | Ī   |          | 125        |          |          |          |                |          |          |          |           |   |
|  | 26       |              |          |  |          |          |              |            |                 |           |          | 7      |        |          |          |          |              |          |               |           |          |          |     |          | 126        |          |          |          |                |          |          |          |           |   |
|  | 27       |              |          |  |          |          |              |            |                 |           |          | 7      |        |          | $\Box$   |          |              | $\Box$   |               | $\Box$    | $\Box$   |          |     |          | 127        |          |          |          |                |          |          |          |           |   |
|  | 28       | <u> </u>     |          |  |          | ـــــ    | $oxed{oxed}$ | _          |                 |           |          | 7      |        | $\perp$  | _        | $\dashv$ | _            | _        | _             | _         | _        | _        | Ţ   |          | 128        | _        |          |          |                |          |          |          |           |   |
| <b></b>  | 29       | _            | Ш        | _  |          | -        | ┡            | ╙          | Ш               |           |          | 7      |        | _        | _        | 4        | _            | _        | _             | _         | _        | _        | ļ   |          | 129        | _        | _        |          |                |          | Ш        | Щ        | $\Box$    |   |
| Ш  | 30       | _            |          | $\vdash$   | $\vdash$ | 1-       | $\vdash$     | $\vdash$   | Н               | $\dashv$  | $\vdash$ | 8      |        | -        | $\dashv$ | _        | 4            | _        | _             | 4         | $\dashv$ | $\dashv$ | -   |          | 130        | _        | _        |          |                | _        | $\sqcup$ | Ш        |           |   |
| $\vdash$   | 31<br>32 | $\vdash$     | -        | -  | $\vdash$ | ₩        | -            | -          | $\vdash$        | $\dashv$  | $\vdash$ | 8      | 빆      | $\dashv$ | $\dashv$ | $\dashv$ | -            |          | $\dashv$      | 4         | $\dashv$ | -        | -   | $\dashv$ | 131        |          |          |          |                |          | $\vdash$ | $\vdash$ | $\dashv$  |   |
| $\vdash$   | 33       | <u> </u>     | $\vdash$ | -  | ⊢        | ╌        | ┼-           | $\vdash$   | $\vdash$        | $\dashv$  | $\vdash$ | 8      |        | $\dashv$ | $\dashv$ | $\dashv$ | -            |          | $\dashv$      |           | -+       | $\dashv$ | -   |          | 132<br>133 |          | $\dashv$ | $\dashv$ | $\dashv$       | _        | -        |          | $\dashv$  |   |
| $\vdash\vdash$                                   | 34       | $\vdash$     | $\vdash$ | -  | -        | $\vdash$ | -            | -          | H               | $\dashv$  | -        | 8      |        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$     | -        | $\dashv$      | -         | -+       | $\dashv$ | -   |          | 134        | ᅱ        | $\dashv$ | -        | =              |          |          | Н        | H         |   |
| H  | 35       | ┝            |          | -  | $\vdash$ | 1-       | <u> </u>     | $\vdash$   | $\vdash$        | $\dashv$  | -        | 18     |        | +        | $\dashv$ | ᆉ        | -            |          | $\dashv$      | -         | $\dashv$ | $\dashv$ | ŀ   |          | 135        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       |          | -        |          | $\dashv$  | _ |
| Н  | 36       | -            |          | $\vdash$   | $\vdash$ | $\vdash$ | t -          | $\vdash$   | Н               | $\neg$    | -        | 8      |        | $\dashv$ | $\dashv$ | $\dashv$ | +            | _        | $\dashv$      | +         | $\dashv$ | $\dashv$ | ŀ   |          | 136        | _        | $\dashv$ | $\dashv$ | $\dashv$       |          | Н        | -        | -         |   |
|  | 37       | Т            |          | Т  |          | 1        | T            | T          | Н               | $\exists$ |          | 8      |        | $\dashv$ | $\dashv$ | 7        | $\dashv$     | +        | $\dashv$      | $\dashv$  | $\dashv$ | $\dashv$ | ŀ   |          | 137        | 一        | 一        |          | $\neg$         |          |          | $\vdash$ | $\dashv$  |   |
| $\Box$   | 38       | П            |          | Г  | Г        | $\vdash$ |              | T          | М               | $\exists$ |          | 8      |        | 7        | 7        | $\dashv$ | 寸            | 一        | 7             | $\dashv$  | 十        | $\dashv$ | h   |          | 138        | 一        | $\dashv$ | -        |                | Н        |          |          | $\neg$    | _ |
|  | 39       |              |          |  |          |          |              |            |                 |           |          | 8      |        |          |          | _        |              |          | $\dashv$      | $\exists$ | 十        | $\neg$   | ı   |          | 139        | $\neg$   |          |          |                |          |          |          | $\neg$    |   |
|  | 40       |              |          |  |          |          |              |            |                 |           |          | 9      | 0      |          |          |          | J            |          |               |           | 丁        | J        | Ī   |          | 140        |          |          |          |                |          |          |          | $\Box$    | _ |
|  | 41       |              |          |  |          |          | Ē            |            |                 |           |          | 9      |        |          |          |          |              |          |               |           | $\Box$   |          |     |          | 141        |          |          |          |                |          |          |          |           |   |
| oxdot  | 42       | $oxed{oxed}$ | $\Box$   |  | L        | $\perp$  | $\Box$       |            |                 |           |          | 9      |        | J        |          | $\Box$   | $\Box$       | $\Box$   | 耳             | $\Box$    | $\Box$   |          |     |          | 142        |          |          |          |                |          |          |          |           |   |
|  | 43       | L            | Щ        |  | <u> </u> | <u> </u> | _            | L          | Ш               | _         |          | 9      |        | _        | _        | _[       | _[           |          | _[            | _[        |          | $\Box$   | Ĺ   |          | 143        | _        | [        | _]       | _]             |          | Ш        |          |           |   |
| $\vdash \vdash$                                  | 44       | _            | Ш        | _  | <u> </u> | <u> </u> | $\vdash$     | _          | Щ               | _         | <u> </u> | 9      | 4      | _        | _        | 4        | $\downarrow$ | _        | 4             | _         | _        | _        | L   |          | 144        | _        | _        | _        | _              |          | Ш        |          |           |   |
|  | 45       | _            | Ш        | Ь,   | _        |          | L            | _          | $\sqcup$        | $\dashv$  | <u> </u> | 9      |        | 4        | $\dashv$ | 4        | 4            | _        | $\dashv$      | 4         | $\perp$  | _        | Ļ   |          | 145        | _        |          | _        | _              | Ш        | Ш        | Щ        | _         |   |
|  | 46       | H            | Щ        | Щ  |          | ⊢        |              | H          | $\vdash$        | $\dashv$  | -        | 9      | 2      |          |          | 4        | 4            | 4        | -             | 4         | $\dashv$ | 4        | -   |          | 146        |          |          | _        |                | Щ        | Щ        | _        | _         |   |
|  | 47<br>48 | _            |          | _  |          | +        | $\vdash$     | $\vdash$   | $\vdash$        | $\dashv$  | $\vdash$ | 9      |        | $\dashv$ | $\dashv$ | -        | -            | +        | $\dashv$      | -         | -        | $\dashv$ | ŀ   |          | 147        | 4        | -        | _        | -              | _        |          |          |           | _ |
| ┝╌┤  | 49       | Н            | Н        | Н  | $\vdash$ | -        | -            | Н          | $\vdash \dashv$ | $\dashv$  | -        | 9      |        | $\dashv$ | +        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$      | $\dashv$  | +        | $\dashv$ | ŀ   |          | 148<br>149 | $\dashv$ | $\dashv$ | -        | $\dashv$       | $\dashv$ | -        |          |           | _ |
| <del>                                     </del> | 50       | Н            | $\vdash$ | $\vdash$   | -        | $\vdash$ | H            | $\vdash$   | $\vdash$        | $\dashv$  | -        | 10     |        | $\dashv$ | $\dashv$ | +        | +            | $\dashv$ | +             | $\dashv$  | $\dashv$ | $\dashv$ | -   |          | 150        | -        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ |          | -         | _ |
| لــــــا   |          |              | L_1      |  |          |          |              | ıl         |                 | - 1       | 1        | 110    | VΙ     | - 1      | - 1      | - 1      | - 1          | - 1      | - 1           | - 1       | - 1      |          | - 1 |          | 150        | - 1      |          | - 1      |                |          |          | - 1      | - 1       |   |